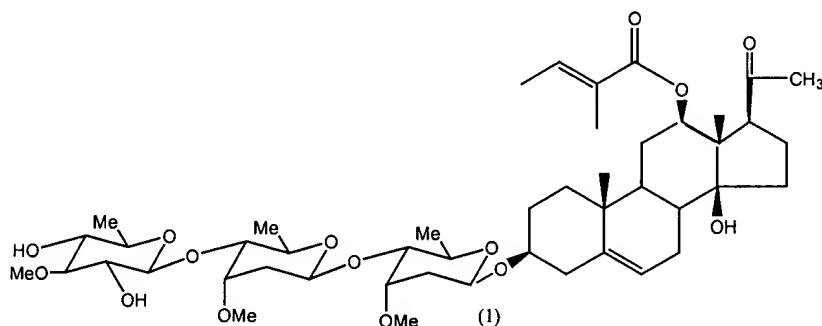


Amendments to the Claims

This listing of the claims will replace all prior versions and listing of claims in the subject application.

Please amend claims 1 and 32 as shown.

1. (currently amended): A method of treating ~~or preventing~~ Type II diabetes by administering to a human or other mammal in need thereof an effective dosage of an extract of a plant of the genus *Trichocaulon* or of the genus *Hoodia*, wherein the extract comprises the compound of formula (1):



2. (previously presented): The method according to claim 1, wherein said plant of the genus *Trichocaulon* is selected from the group consisting of *Trichocaulon piliferum* and *Trichocaulon officinale* and said plant of the genus *Hoodia* is selected from the group consisting of *Hoodia currenii*, *Hoodia gordonii* and *Hoodia lugardii*.

3. (previously presented): The method according to claim 1, wherein the extract is obtainable by a process comprising the steps of treating collected plant material with a solvent to extract a fraction having anti-diabetic activity, separating the extraction solution from the rest of the plant material, removing said solvent from said extraction solution and recovering said extract.

4. (previously presented): The method according to claim 3, wherein the process further comprises the step of concentrating the active agent in the extracted material by further extraction with a solvent.

5. (previously presented): The method according to claim 3, wherein said solvent of said solvent extraction step or steps is one or more of methylene chloride, water, methanol, hexane, ethyl acetate or mixtures thereof.

6. (previously presented): The method according to claim 3, wherein the process further comprises the step of concentrating the active agent in the extracted material by chromatographic separation.

7. (previously presented): The method according to claim 6, wherein said chromatographic separation employs one or more of chloroform, methanol, ethyl acetate, hexane or mixtures thereof as an eluant.

8. (previously presented): The method according to claim 6, wherein the process includes carrying out the chromatographic separation on a column, collecting an eluate in fractions from the column, evaluating the fractions to determine their anti-diabetic activity, and selecting at least one fraction containing the active agent.

9. (previously presented): The method according to claim 1, wherein said extract is obtainable by a process comprising the steps of pressing collected plant material to separate sap from solid plant material and recovering the sap free of the solid plant material to form the extract.

10. (previously presented): The method according to claim 1, wherein said extract is processed to form a free-flowing powder.

11. (canceled).

12. (previously presented): The method according to claim 1, wherein said extract is administered in a foodstuff or beverage to have an anti-diabetic effect when ingested.

13-24. (canceled).

25. (previously presented): A method for treating or preventing Type II diabetes comprising the step of administering to a human or other mammal in need thereof an effective dosage of a composition comprising the extract according to claim 1.

26-28. (canceled).

29. (previously presented): The method according to claim 25, wherein said composition is administered in a dosage amount of from 0.05 mg/kg/day to 100 mg/kg/day.

30. (previously presented): The method according to claim 29, wherein the dosage amount is 0.1 mg/kg/day to 50 mg/kg/day.

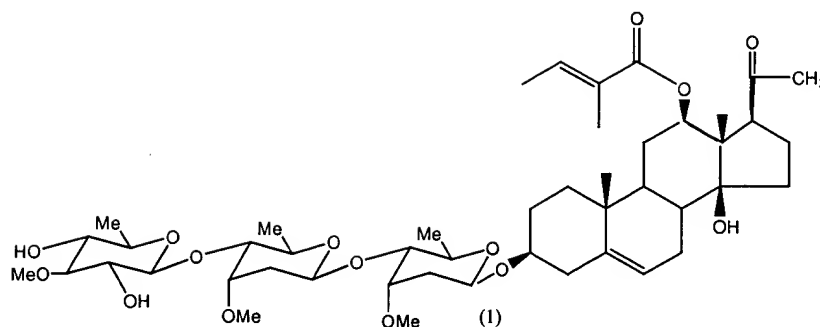
31. (canceled).

32. (currently amended): A method of treating ~~or preventing~~ diabetes comprising the step of administering to a human or other mammal in need thereof an effective dosage of

i) an extract of a plant of the genus *Trichocaulon* or of the genus *Hoodia* in association with

ii) one or more other agents selected from the group consisting of anti-diabetics, glycogen phosphorylase inhibitors, sorbitol dehydrogenase inhibitors, glucosidase inhibitors and aldose reductase inhibitors,

wherein the extract comprises the compound of formula (1):



33. (canceled).

34. (previously presented): The method according to claim 32, wherein the ingredients i) and ii) are simultaneously, separately, or sequentially administered.

35. (previously presented): The method according to claim 1, wherein said plant of the genus *Hoodia* is *Hoodia currorii*.

36. (previously presented): The method according to claim 1, wherein said plant of the genus *Hoodia* is *Hoodia gordonii*.

37. (previously presented): The method according to claim 1, wherein said plant of the genus *Hoodia* is *Hoodia lugardii*.